

**PATENT APPLICATION**  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Isao SAITO, et al.

Appln. No.: NOT YET ASSIGNED

Confirmation No.: NOT YET ASSIGNED

Group Art Unit: NOT YET ASSIGNED

Filed: February 08, 2002

Examiner: NOT YET ASSIGNED

For: ROLLER

**PRELIMINARY AMENDMENT**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Prior to examination, please amend the above-identified application as follows:

**IN THE SPECIFICATION:**

**Page 7, Please delete the eleventh full paragraph and replace with the following new paragraph.**

Figs. 9A through 9D are explanatory views for explaining the function of the perpendicularly vibratory mechanism.

**Page 8, Please delete the second full paragraph and replace with the following new paragraph.**

Figs. 11A and 11B are graphs showing the wave profile in the ups-and downs and front - and-rear directions and the wave composite of the vibration acceleration, which is applied to the roll by the perpendicularly vibratory mechanism.

**Page 8, Please delete the forth full paragraph and replace with the following new paragraph.**

Figs. 13A and 13B are graphs showing a wave profile in the ups-and downs and front-and rear-directions and the wave composite of the vibration acceleration, which is applied to the roll by the conventional perpendicularly vibratory mechanism.

**REMARKS**

Entry and consideration of this Amendment is respectfully requested.

Respectfully submitted,

*for* Paul E. Niles Reg. 33,102  
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Date: February 8, 2002

## APPENDIX

### VERSION WITH MARKINGS TO SHOW CHANGES MADE

#### IN THE SPECIFICATION:

The specification is changed as follows:

Page 7, 11<sup>th</sup> full paragraph:

Figs. 9 9A through 9D are explanatory views for explaining the function of the perpendicularly vibratory mechanism.

Page 8, 2<sup>nd</sup> full paragraph:

Figs. 11A and 11B are ~~is-a graphs~~ showing the wave profile in the ups-and downs and front -and-rear directions and the wave composite of the vibration acceleration, which is applied to the roll by the perpendicularly vibratory mechanism.

Page 8, 4<sup>th</sup> full paragraph:

Figs. 13A and 13B are ~~is-a graphs~~ showing a wave profile in the ups-and downs and front- and rear-directions and the wave composite of the vibration acceleration, which is applied to the roll by the conventional perpendicularly vibratory mechanism.